

ABSTRACT OF THE DISCLOSURE

5 A concrete article comprised of concrete having
therein a reinforcing fiber, where at least about 50
percent of the reinforcing fibers are frayed only at an
end or ends of the reinforcing fibers, may be made by
mixing concrete, water and a reinforcing fiber for a
sufficient time to fray the ends of at least 50 percent of
the fibers and curing the mixture to form the concrete
article. The fiber may be a reinforcing fiber comprised
10 of at least two filaments bonded together and the
filaments being comprised of a polymeric core and a
polymeric sheath comprised of a fusing-fraying polymer,
such that the reinforcing fiber, when mixed with inorganic
particulates, frays predominately only at an end or ends
15 of the fiber

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